

### REMARKS/ARGUMENTS

This Communication is responsive to the Office Action dated February 25, 2005.

In response to the indication of allowability of claims 3, 10, and 12, it is noted that the limitations of claim 3 have been incorporated into claim 1 and claim 3 has been canceled. Allowable claim 10 has been rendered in independent form.

Further, responsive to the rejection of Claim 4 under 35 U.S.C. 112, second paragraph, claim 4 was amended.

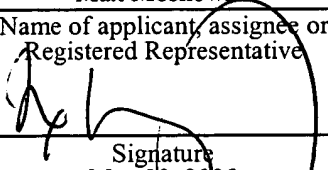
Based on the foregoing amendments it is respectfully submitted that all the claims in the application distinguish over the prior art and should now be formally allowed.

As a last matter, Applicant addresses the objection to the drawings as set forth in the third paragraph of the office action. Respectfully, the recitations in claims 6 and 11 which address a type of spin channel region and the type of contact resistance between the ferromagnet and the semiconductor are not related to structural features as such, but rather specify characteristics of a structure which has already otherwise been depicted in the drawings. As such, no special rendering in a drawing is necessary. The Examiner is respectfully requested to reconsider and rescind the objection to the drawings insofar as they related to claims 6 and 11.


It is believed that the foregoing fully complies with and responds to the various points raised in the office action and that all other claims in the application are now in the condition to be formally allowed.

Accordingly, the Examiner is respectfully requested to reconsider, the application, allow the claims are amended, and pass this case to issuance.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 20, 2005:

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Name of applicant, assignee or  
Registered Representative  
  
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Signature  
May 20, 2005  
\_\_\_\_\_  
Date of Signature

Respectfully submitted,

  
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